

## **IN THE SPECIFICATION**

**Amend the paragraph on page 2, lines 30-31 as follows:**

**FIG. 1** The figure shows a schematic representation of a preferred embodiment of an axial compressor according to the invention.

**Amend the paragraph on page 3, lines 2-10 as follows:**

Significant parts and functions of the axial compressor shown in **FIG. 1** the figure have already been described in connection with the explanation of the state of the art. According to a preferred embodiment of the invention, in the axial compressor **1**, water (H<sub>2</sub>O) is supplied into the flow channel between rotor **2** and stator **3** by way of several nozzles **8** arranged on the circumference of the stator **3**. The water supplied by way of the nozzles **8** forms a thin film of water on the inside of the stator **3** because of the airflow in the flow channel. This water film is in contact with boundary flow **B** and evaporated while cooling boundary flow **B**. The cooled boundary flow **B** is then available at outlet **6** as cooling air for the downstream gas turbine.

**Please add the following text on page 3, after line 15:**

### **LIST OF DESIGNATIONS**

1	axial compressor
2	rotor
3	stator
4	running blade
5	guiding vane
6	outlet
7	place (main flow)
8	nozzle
9	axis
10	exit
11	entrance
A	main flow
B	boundary flow (cooling airflow)